

ICF International (ICFI)

\$96.12 (As of 06/16/21)

Price Target (6-12 Months): **\$102.00**

Long Term: 6-12 Months

Zacks Recommendation:

Neutral

(Since: 02/10/21)

Prior Recommendation: Underperform

Short Term: 1-3 Months

Zacks Rank: (1-5)

2-Buy

Zacks Style Scores:

VGM:B

Value: B

Growth: C

Momentum: D

Summary

ICF's shares have outperformed its industry in the past year, partly due to earnings and revenue beat in three of the past four quarters. The company's government business remains strong, courtesy of improvement in business development pipeline and win rate. The company has multi-year relationships with several other government and commercial clients. Global presence and diversity of markets ensures diversified and consistent revenue growth for the company. Buyouts help enhance subject matter knowledge, expand offerings and provide scale in particular geographies. However, investments in capture and proposal activities, infrastructure and intellectual property development, loyalty program and acquisitions have increased ICF's operating costs and expenses. This is likely to keep the company's bottom line under pressure going forward.

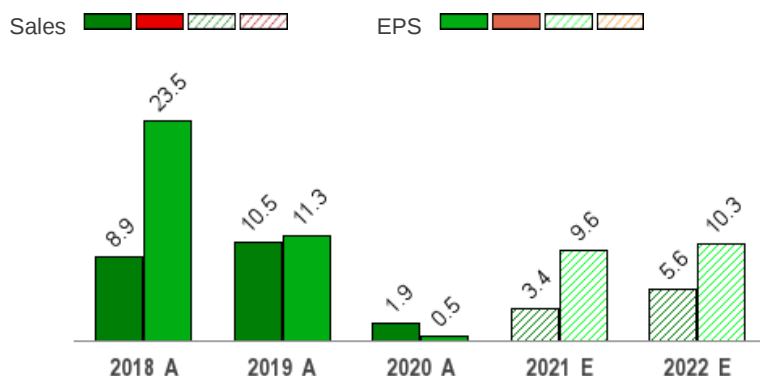
Price, Consensus & Surprise



Data Overview

52-Week High-Low	\$102.23 - \$58.95
20-Day Average Volume (Shares)	72,730
Market Cap	\$1.8 B
Year-To-Date Price Change	29.3%
Beta	0.60
Dividend / Dividend Yield	\$0.56 / 0.6%
Industry	Government Services
Zacks Industry Rank	Top 30% (75 out of 252)

Sales and EPS Growth Rates (Y/Y %)



Last EPS Surprise	34.5%
Last Sales Surprise	4.7%
EPS F1 Estimate 4-Week Change	0.0%
Expected Report Date	08/03/2021
Earnings ESP	-2.4%

Sales Estimates (millions of \$)

	Q1	Q2	Q3	Q4	Annual*
2022					1,646 E
2021	378 A	376 E	383 E	420 E	1,558 E
2020	358 A	354 A	360 A	434 A	1,507 A

EPS Estimates

	Q1	Q2	Q3	Q4	Annual*
2022	\$1.06 E	\$1.12 E	\$1.36 E	\$1.54 E	\$5.04 E
2021	\$1.13 A	\$0.98 E	\$1.16 E	\$1.30 E	\$4.57 E
2020	\$0.83 A	\$0.89 A	\$1.10 A	\$1.36 A	\$4.17 A

*Quarterly figures may not add up to annual.

P/E TTM	21.5
P/E F1	21.0
PEG F1	2.1
P/S TTM	1.2

The data in the charts and tables, including the Zacks Consensus EPS and sales estimates, is as of 06/16/2021. The report's text and the

analyst-provided price target are as of 06/17/2021.

Overview

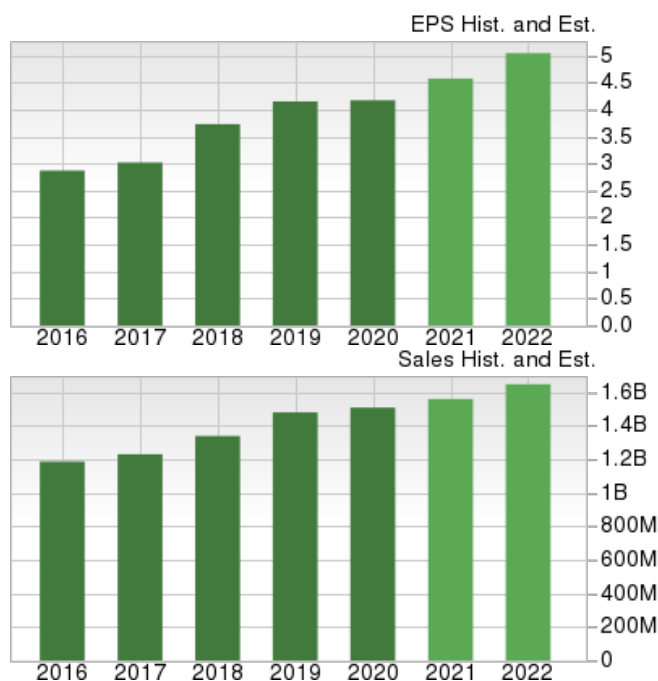
Headquartered in Fairfax, VA, ICF International, Inc. is a provider of professional services and technology-based solutions to government and commercial clients. The company's primary services include advisory, analytics, digital, engagement and program implementation services. These services are offered in four markets namely, energy, environment and infrastructure; health, education, and social programs; safety and security, and consumer and financial.

The company has strong intellectual capital that provides it with a deep understanding of policies, processes, and programs across markets. As of Dec 31, 2020, roughly 35% of ICF International's benefits-eligible staff held post-graduate degrees in different fields like the social sciences, physical sciences, public policy, business and management, human capital, information technology, engineering, planning, economics, mathematics, life sciences, and law.

ICF International's government clients include U.S. federal clients, state and local clients, and governments outside the United States. The company's biggest clients are U.S. federal government departments and agencies. Federal government clients generated roughly 44%, 38% and 41% of revenues in 2020, 2019, and 2018, respectively. State and local government clients recorded 15%, 19%, and 14% of revenues in the respective years. International government clients contributed 6%, 8% and 9% to revenues in 2020, 2019, and 2018 each.

Commercial clients of the company include clients from different sectors around the world such as airlines, airports, oil companies, electric and gas utilities, transportation, travel and hospitality firms, banks and other financial services companies, hospitals, health insurers and other health-related companies, manufacturing firms, retail chains, distribution companies, law firms as well as nonprofits/associations. These clients generated approximately 35%, 35% and 36% of revenues in 2020, 2019, and 2018, respectively.

ICF International has only one reportable segment — **professional services for government and commercial clients**. Revenues from this segment came in at \$1.51 billion, \$1.48 billion and \$1.34 billion in 2020, 2019, and 2018 each. As of Dec 31, 2020, the company had more than 7,500 employees across the world.



Reasons To Buy:

- ▲ ICF International has a **strong global presence** with more than 75 regional offices across the United States and more than 15 offices outside the country. It serves a diverse set of markets including energy, environment, infrastructure; health, education, safety and security, consumer, technology, e-commerce, transport and financial markets. This, in turn, has helped the company to improve its knowledge base and functional expertise over time. Also, ICF International has been successful in establishing and maintaining strong, long-term relationship with its clients. In fact, it has advised the U.S. Environmental Protection Agency (“EPA”) and HHS for more than 30 years, the U.S. Department of Energy (“DOE”) for more than 25 years, DoD for more than 20 years, the European Commission for more than 15 years and certain commercial clients in energy markets for more than 20 years. The company has multi-year relationships with several other government and commercial clients as well. Global presence and diversity of markets ensures diversified and consistent revenue growth for ICF International.
- ▲ **Acquisition** is an important element of ICF International's growth strategy. In January 2020, ICF International acquired Incentive Technology Group, a provider of cloud-based platform services to the U.S. federal government for \$255 million. The deal is expected to be accretive to ICF International's 2020 EPS. In 2018, the company has acquired We are Vista, a U.K.-based creative communications agency; DMS Disaster Consultants, a disaster planning and recovery services firm; and The Future Customer, a boutique loyalty strategy and marketing company. While the acquisition of We are Vista strengthened the company's global marketing, technology, communications and digital services portfolio, DMS improved its disaster response, recovery and preparedness offerings. Acquisition of The Future Customer has extended ICF International's loyalty business to Europe. Overall, strategic acquisitions helped ICF International to enhance its subject matter knowledge, expand offerings and provide scale in particular geographies. ICF International continues to explore acquisition opportunities to gain new clients, increase presence in potential markets and strengthen its portfolio of services.
- ▲ The company's **international government business** remains strong, courtesy of improvement in business development pipeline and win rates. Within the commercial business, marketing service is benefiting from increased focus on digital commerce and social media as well as loyalty marketing. Also, ICF's commercial energy markets group looks well poised to benefit from advisory work connected to transformations in the utility industry and increase in mandated energy efficiency programs across the United States.
- ▲ ICF's shares have gained 47.8% over the past year, outperforming the industry's growth of 19.1%. The **outperformance** can be attributed to the company's better-than-expected earnings and revenue performance in three of the past four quarters.

ICF continues to strengthen backed by strong global presence and strategic acquisitions.

Reasons To Sell:

- ▼ A considerable portion of ICF International's business comes from commercial work that is highly concentrated in **cyclical industries** like financial services, energy, air transportation, retail, health and environmental. Therefore, demand for the company's services declines when these industries experience downfall, which is likely to continue in the future as well. As the company has expanded its work with commercial clients, considerable variations in revenues and profits are expected from time to time with ups and downs in the global economy.
- ▼ ICF International sees **escalation in costs**. The company is making significant investments in capture and proposal activities, infrastructure and intellectual property development, loyalty program and acquisitions. The company's operating costs and expenses increased 5.1% in 2020. These expenses rose 9.2% year over year in 2019 and 3.5% in 2018. Hence, the company's bottom line is likely to remain under pressure going forward.
- ▼ ICF's total debt at the end of first-quarter 2021 was \$324 million, higher than \$313 million at the end of the prior quarter. The company's total debt to total capital ratio of 0.31 is higher than the previous quarter's 0.29. An increase in debt to capitalization ratio indicates higher risk of insolvency in challenging times. Further, the company's cash and cash equivalent of \$8.6 million at the end of the reported quarter was well below this debt level, underscoring that the company **doesn't have enough cash to meet this debt burden**.
- ▼ Additionally, it is **embroiled with various legal matters** and proceedings including the one associated with, the Road Home contract. Apart from being a huge drain on resources, this must have earned the company a bad name.

Considerable variations in revenues and profits are expected from time to time in accordance with ups and downs in the global economy.

Last Earnings Report

ICF International Surpasses Q1 Earnings & Revenue Estimates

ICF International delivered impressive first-quarter 2021 results, with earnings and revenues beating the Zacks Consensus Estimate. Non-GAAP earnings of \$1.13 per share surpassed the Zacks Consensus Estimate by 34.5% and increased 36.1% on a year-over-year basis. Moreover, revenues of \$378.5 million surpassed the consensus mark by 4.7% and increased 5.6% year over year owing to increase in service revenues.

Revenues in Detail

Revenues from government clients came in at \$270.1 million, up 12.9% on a year-over-year basis. The U.S. federal government revenues of \$175.9 million increased 13.1% year over year and contributed 46% of total revenues. The U.S. state and local government revenues of \$57.2 million declined 6.1% year over year and contributed 15% of total revenues. International government revenues of \$37.1 million were down 62.5% year over year, contributing 10% of total revenues.

Commercial revenues totaled \$108.4 million, down 8.8% from the year-ago quarter's figure and contributed 29% of total revenues. Energy markets and marketing services contributed 58% and 33%, respectively, of commercial revenues.

Backlog and Value of Contracts

Total backlog and funded backlog amounted to \$3 billion and \$1.6 billion at the end of the quarter, respectively. The total value of contracts awarded in the quarter came in at \$596.1 million, up 67% year over year.

Operational Results

Adjusted EBITDA of \$37.7 million increased 34.9% from the year-ago quarter's figure. Adjusted EBITDA margin on revenues of 9.6% increased 220 basis points (bps) year over year. Adjusted EBITDA margin on service revenues was 13.5%, up 260 bps year over year.

Balance Sheet

ICF exited the quarter with cash and cash equivalent balance of \$8.6 million compared with \$13.8 million recorded at the end of the previous quarter. The company had a long-term debt of \$314.5 million compared with \$303 million at the end of the prior quarter.

The company generated around \$5 million of cash from operating activities and capex was \$3.6 million. ICF paid out dividends of \$2.6 million in the quarter.

2021 Guidance

ICF expects non-GAAP earnings per share in the range of \$4.35-\$4.65. Revenues are projected in the range of \$1.525-\$1.575 billion. EBITDA is expected to be in the range of \$145 million and \$155 million. Operating cash flow is anticipated to be approximately \$100 million.

Quarter Ending	03/2021
Report Date	May 04, 2021
Sales Surprise	4.73%
EPS Surprise	34.52%
Quarterly EPS	1.13
Annual EPS (TTM)	4.48

Recent News

On **May 27, 2021**, ICF announced that Scott Salmirs has joined the company's board of directors.

Valuation

ICF International shares are up 29.3% in the year-to-date period and 47.8% in the trailing 12-month period. Stocks in the Zacks sub-industry and the Zacks Business Services sector are up 9.3% and 0.6% in the year-to-date period, respectively. In the past year, the Zacks sub-industry and the Zacks Business Services sector moved up 19.1% and 0.9%, respectively.

The S&P 500 index is up 13.2% in the year-to-date period and 37.7% in the past year.

The stock is currently trading at 20.07X price to forward 12 months' earnings, which compares to 20.41X for the Zacks sub-industry, 30.35X for the Zacks sector and 21.71X for the S&P 500 index.

Over the past five years, the stock has traded as high as 22.09X and as low as 12.14X, with a 5-year median of 17.03X. Our Neutral recommendation indicates that the stock will perform in-line with the market. Our \$102.00 price target reflects 21.29X price to forward 12 months' earnings.

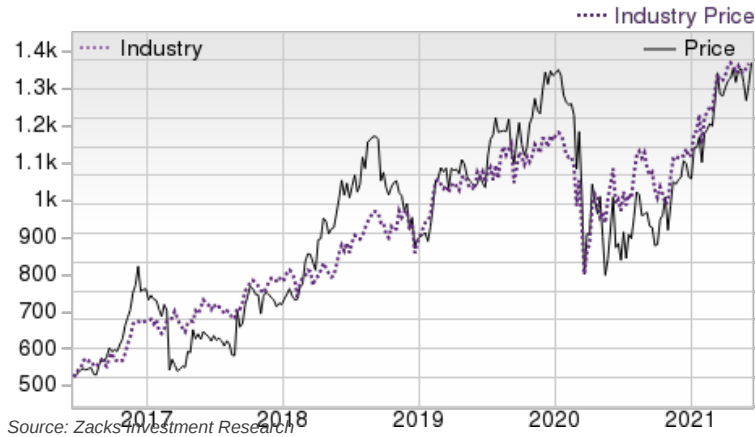
The table below shows summary valuation data for ICFI

Valuation Multiples - ICFI					
		Stock	Sub-Industry	Sector	S&P 500
P/E F 12M	Current	20.07	20.41	30.35	21.71
	5-Year High	22.09	22	30.59	23.83
	5-Year Low	12.14	16.34	19.03	15.31
	5-Year Median	17.03	19.1	22.11	18.05
P/S F 12M	Current	1.13	1.38	5.47	4.7
	5-Year High	1.17	1.45	5.47	4.74
	5-Year Low	0.6	0.94	2.9	3.21
	5-Year Median	0.88	1.2	3.5	3.71
P/B TTM	Current	2.41	8.43	6.59	7.03
	5-Year High	2.55	9.61	7.03	7.08
	5-Year Low	1.35	6.03	3.23	3.83
	5-Year Median	1.9	8.2	5	5.02

As of 06/16/2021

Source: Zacks Investment Research

Industry Analysis Zacks Industry Rank: Top 30% (75 out of 252)



Top Peers

Company (Ticker)	Rec	Rank
Charles River Associates (CRAI)	Outperform	2
Gartner, Inc. (IT)	Outperform	1
Booz Allen Hamilton Holding Corporation (BAH)	Neutral	3
Avis Budget Group, Inc. (CAR)	Neutral	2
FactSet Research Systems Inc. (FDS)	Neutral	3
Genpact Limited (G)	Neutral	3
Maximus, Inc. (MMS)	Neutral	3
Omnicom Group Inc. (OMC)	Neutral	3

The positions listed should not be deemed a recommendation to buy, hold or sell.

Industry Comparison Industry: Government Services				Industry Peers		
	ICFI	X Industry	S&P 500	BAH	G	MMS
Zacks Recommendation (Long Term)	Neutral	-	-	Neutral	Neutral	Neutral
Zacks Rank (Short Term)	2	-	-	3	3	3
VGM Score	B	-	-	A	B	A
Market Cap	1.81 B	5.67 B	29.96 B	11.88 B	8.46 B	5.67 B
# of Analysts	3	3	12	9	6	2
Dividend Yield	0.58%	1.21%	1.3%	1.69%	0.95%	1.21%
Value Score	B	-	-	B	B	A
Cash/Price	0.03	0.03	0.05	0.08	0.07	0.02
EV/EBITDA	16.86	15.82	17.13	15.82	16.82	14.95
PEG F1	2.11	1.92	2.12	1.92	1.53	NA
P/B	2.41	4.14	4.17	11.28	4.83	4.14
P/CF	15.86	17.97	17.46	19.18	16.28	17.97
P/E F1	21.08	21.05	21.27	21.05	19.67	21.25
P/S TTM	1.19	1.51	3.46	1.51	2.27	1.52
Earnings Yield	4.75%	4.75%	4.62%	4.75%	5.09%	4.71%
Debt/Equity	0.42	0.42	0.66	2.13	0.94	0.18
Cash Flow (\$/share)	6.06	5.13	6.83	4.58	2.77	5.13
Growth Score	C	-	-	C	B	A
Historical EPS Growth (3-5 Years)	11.20%	11.20%	9.44%	21.30%	8.05%	7.98%
Projected EPS Growth (F1/F0)	9.67%	15.58%	21.49%	6.92%	8.33%	28.02%
Current Cash Flow Growth	5.44%	5.44%	0.86%	17.92%	20.41%	-3.56%
Historical Cash Flow Growth (3-5 Years)	5.88%	7.75%	7.28%	14.78%	8.27%	7.75%
Current Ratio	1.18	1.57	1.39	2.04	2.03	1.57
Debt/Capital	29.51%	29.51%	41.51%	68.02%	48.48%	15.46%
Net Margin	4.11%	7.31%	11.95%	7.75%	8.41%	7.31%
Return on Equity	11.66%	21.38%	16.48%	54.17%	20.88%	21.38%
Sales/Assets	0.94	1.51	0.51	1.51	0.77	1.74
Projected Sales Growth (F1/F0)	3.39%	7.98%	9.41%	7.98%	7.08%	12.37%
Momentum Score	D	-	-	A	D	C
Daily Price Change	1.16%	0.03%	-0.54%	0.03%	-0.26%	-0.55%
1-Week Price Change	4.11%	3.93%	0.10%	2.94%	-0.48%	3.93%
4-Week Price Change	5.74%	5.74%	2.62%	7.91%	3.48%	2.83%
12-Week Price Change	10.29%	10.08%	8.60%	10.08%	4.13%	6.79%
52-Week Price Change	49.09%	35.14%	35.66%	10.39%	26.17%	35.14%
20-Day Average Volume (Shares)	72,730	236,439	1,734,994	838,339	1,030,941	236,439
EPS F1 Estimate 1-Week Change	0.00%	0.00%	0.00%	0.30%	0.00%	0.00%
EPS F1 Estimate 4-Week Change	0.00%	0.00%	0.05%	3.43%	0.00%	0.00%
EPS F1 Estimate 12-Week Change	1.78%	3.43%	3.39%	3.43%	-0.68%	18.58%

Past performance is no guarantee of future results. Please see important disclosures and definitions at the end of this report.

EPS Q1 Estimate Monthly Change	0.00%	:	0.00%	:	0.00%	:	-1.90%	:	0.00%	:	0.00%
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Source: Zacks Investment Research

Zacks Stock Rating System

We offer two rating systems that take into account investors' holding horizons: Zacks Rank and Zacks Recommendation. Each provides valuable insights into the future profitability of the stock and can be used separately or in combination with each other depending on your investment style.

Zacks Recommendation

The Zacks Recommendation aims to predict performance over the next 6 to 12 months. The foundation for the quantitatively determined Zacks Recommendation is trends in the company's estimate revisions and earnings outlook. The Zacks Recommendation is broken down into 3 Levels; Outperform, Neutral and Underperform. Unlike many Wall Street firms, we maintain a balance between the number of Outperform and Neutral recommendations. Our team of 70 analysts are fully versed in the benefits of earnings estimate revisions and how that is harnessed through the Zacks quantitative rating system. But we have given our analysts the ability to override the Zacks Recommendation for the 1200 stocks that they follow. The reason for the analyst over-rides is that there are often factors such as valuation, industry conditions and management effectiveness that a trained investment professional can spot better than a quantitative model.

Zacks Rank

The Zacks Rank is our short-term rating system that is most effective over the one- to three-month holding horizon. The underlying driver for the quantitatively-determined Zacks Rank is the same as the Zacks Recommendation, and reflects trends in earnings estimate revisions.

Zacks Style Scores

The Zacks Style Score is as a complementary indicator to the Zacks rating system, giving investors a way to focus on the highest rated stocks that best fit their own stock picking preferences.

Academic research has proven that stocks with the best Value, Growth and Momentum characteristics outperform the market. The Zacks Style Scores rate stocks on each of these individual styles and assigns a rating of A, B, C, D and F. We also produce the VGM Score (V for Value, G for Growth and M for Momentum), which combines the weighted average of the individual Style Scores into one score. This is perfectly suited for those who want their stocks to have the best scores across the board.

Value Score	B
Growth Score	C
Momentum Score	D
VGM Score	B

As an investor, you want to buy stocks with the highest probability of success. That means buying stocks with a Zacks Recommendation of Outperform, which also has a Style Score of an A or a B.

Disclosures

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Returns quoted represent past performance which is no guarantee of future results. Investment returns and principal value will fluctuate so that when shares are redeemed, they may be worth more or less than their original cost. Current performance may be higher or lower than the performance shown.

Investing involves risk; principal loss is possible. There is no guarantee that companies that can issue dividends will declare, continue to pay or increase dividends.

Glossary of Terms and Definitions

52-Week High-Low: The range of the highest and lowest prices at which a stock has traded during the past year. This range is determined based on the stock's daily closing price which may differ from the intra-day high or low. Many investors use it as a technical indicator to determine a stock's current value and future price movement. The idea here is that if price breaks out from the 52-week range, in either direction, the momentum may continue in the same direction.

20-Day Average Volume (Shares): The average number of shares of a company traded in a day over the last 20 days. It is a direct indication of a security's overall liquidity. The higher the average daily trading volume, the easier it is to enter or exit the stock at a desired price with more buyers and sellers being available.

Daily Price Change: This is the percentage difference between a trading day's closing price and the prior trading day's closing price. This item is updated at 9 p.m. EST each day.

1-Week Price Change: This is the percentage change in a stock's closing price over the last 5 trading days. This change reflects the collective buying and selling sentiment over the 1-week period.

A strong weekly price increase for the stock, especially when accompanied by increased volume, is an indication of it gaining momentum.

4-Week Price Change: This is the percentage change in a stock's closing price over the last 20 trading days or past 4 weeks. This is a medium-term price change metric and an indication of the stock gaining momentum.

12-Week Price Change: This is the percentage change of a stock's closing price over the last 60 trading days or past 12 weeks. Similar to 4-week price change, this is a medium-term price change metric. It shows whether a stock has been enjoying strong investor demand, or if it has been in consolidation, or distress over this period.

52-Week Price Change: This is the percentage change in a stock's closing price over the last 260 trading days or past 52 weeks. This long-term price change metric is a good reference point for investors. Some investors seek stocks with the best percentage price change over the last 52 weeks, expecting the momentum to continue.

Market Cap: The number of outstanding common shares of a company times its latest price per share. This figure represents a company's size, which indicates various characteristics, including price stability and risk, in which investors could be interested.

Year-To-Date Price Change: Change in a stock's daily closing price in the period of time beginning the first day of the current calendar year through to the previous trading day.

of Analysts: Number of EPS estimates used in calculating the current-quarter consensus. These estimates come from the brokerage analysts tracking this stock. However, the number of such analysts tracking this stock may not match the number of estimates, as all brokerage analysts may not come up with an estimate or provide it to us.

Beta: A measure of risk commonly used to compare the volatility of a stock to the overall market. The S&P 500 Index is the base for calculating beta and carries a value of 1. A stock with beta below 1 is less risky than the market as a whole. And a stock with beta above 1 is riskier.

Dividend: The portion of earnings a company is expected to distribute to its common shareholders in the next 12 months for each share they own. Dividends are usually paid quarterly. Dividend payments reflect positively on a company and help maintain investors' trust. Investors typically find dividend-paying stocks appealing because the dividend adds to any market price appreciation to result in higher return on investment (ROI). Moreover, a steady or increasing dividend payment provides investors a cushion in a down market.

Dividend Yield: The ratio of a company's annual dividend to its share price. The annual dividend used in the ratio is calculated based on the most recent dividend paid by the company. Dividend yield is an estimate of the dividend-only return from a stock in the next 12 months. Since dividend itself doesn't change frequently, dividend yield usually changes with a stock's price movement. As a result, often an unusually high dividend yield is a result of weak stock price.

S&P 500 Index: The Standard & Poor's 500 (S&P 500) Index is an unmanaged group of securities considered to be representative of the stock market in general. It is a market-capitalization-weighted index of stocks of the 500 largest U.S. companies. Each stock's weight in the index is

proportionate to its market value.

Industry: One of the 250+ groups that Zacks classifies all stocks into based on the nature of business. These groups are termed as expanded (aka "X") industries and map to their respective (economic) sectors; Zacks has 16 sectors.

Zacks Industry Rank: The Zacks Industry Rank is determined by calculating the average Zacks Rank for all stocks in the industry and then assigning an ordinal rank to it. For example, an industry with an average Zacks Rank of 1.6 is better than an industry with an average Zacks Rank of 2.3. So, the industry with the better average Zacks Rank would get a better Zacks Industry Rank. If an industry has the best average Zacks Rank, it would be considered the top industry (1 out of 250+), which would place it at the top 1% of Zacks-ranked industries. Studies have shown that roughly half of a stock's price movement can be attributed to the industry group it belongs to. In fact, the top 50% of Zacks-ranked industries outperforms the bottom 50% by a factor of more than 2 to 1.

Last EPS Surprise: The percentage deviation of a company's last reported earnings per share from the Zacks Consensus Estimate. Companies with a positive earnings surprise are more likely to surprise again in the future (or miss again if they recently missed).

Last Sales Surprise: The percentage deviation of a company's last reported sales from the Zacks Consensus Estimate.

Expected Report Date: This is an estimated date of a company's next earnings release. The information originated or gathered by Zacks Investment Research from its information providers or publicly available sources is the basis of this estimate.

Earnings ESP: The Zacks Earnings ESP compares the Most Accurate Estimate to the Zacks Consensus Estimate for the yet-to-be reported quarter. The Most Accurate Estimate is the most recent version of the Zacks Consensus EPS Estimate. The idea here is that analysts revising their estimates closer to an earnings release have the latest information, which could potentially be more accurate than what they and others contributing to the consensus had predicted earlier. Thus, a positive or negative Earnings ESP reading theoretically indicates the likely deviation of the actual earnings from the consensus estimate. However, the model's predictive power is significant for positive ESP readings only. A positive Earnings ESP is a strong predictor of an earnings beat, particularly when combined with a Zacks Rank #1 (Strong Buy), #2 (Buy) or #3 (Hold). Our research shows that stocks with this combination produce a positive surprise nearly 70% of the time.

Periods:

TTM: Trailing 12 months. Using TTM figures is an effective way of analyzing the most-recent financial data in an annualized format that helps neutralize the effects of seasonality and other quarter-to-quarter variation.

F1: Current fiscal year. This period is used to analyze the estimates for the ongoing full fiscal year.

F2: Next fiscal year. This period is used to analyze the estimates for the next full fiscal year.

F12M: Forward 12 months. Using F12M figures is an effective way of analyzing the near-term (the following four unreported quarters) estimates in an annualized manner. Instead of typically representing estimates for the full fiscal year, which may not represent the nitty-gritty of each quarter, F12M figures suggest an all-inclusive annualized estimate for the following four quarters. The annualization helps neutralize the potential effects of seasonality and other quarter-to-quarter variations.

P/E Ratio: The price-to-earnings ratio measures a company's current market price per share relative to its earnings per share (EPS). Usually, the trailing-12-month (TTM) EPS, current-fiscal-year (F1) EPS estimate, or forward-12-month (F12M) EPS estimate is used as the denominator. In essence, this ratio shows what the market is willing to pay today for each dollar of EPS. In other words, this ratio gives a sense of what the relative value of the company is at the already reported level of earnings or at a future level of earnings.

It is one of the most widely-used multiples for determining the value of a company and helps comparing its valuation with that of a competitor, the industry group or a benchmark.

PEG Ratio: The price/earnings to growth ratio is a stock's P/E ratio using current fiscal year (F1) EPS estimate divided by its expected EPS growth rate over the coming 3 to 5 years. This ratio essentially determines a stock's value by factoring in the company's expected earnings growth and is thus believed to provide a more complete picture than just the P/E ratio, particularly for faster-growing companies.

P/S Ratio: The price-to-sales ratio is calculated as a company's current price per share divided by trailing 12 months (TTM) sales or revenues per share. This ratio shows what the market is willing to pay today for each dollar of TTM sales per share. The P/S ratio is at times the only valuation metric when the company has yet to become profitable.

Cash/Price Ratio: The cash-to-price ratio or Cash Yield is calculated as cash and marketable securities per share divided by the company's current share price. Like the earnings yield, which shows the anticipated yield (or return) on a stock from earnings for each dollar invested, the cash yield does the same, with cash being the source of return instead of earnings. For example, a cash/price ratio of 0.08 suggests a return of 8% or 8 cents for every \$1 investment.

EV/EBITDA Ratio: The EV/EBITDA ratio, also known as Enterprise Multiple, is calculated as a company's enterprise value (market capitalization + value of total long-term debt + book value of preferred shares - cash and marketable securities) divided by EBITDA (earnings before interest, taxes, depreciation and amortization). Usually, trailing-12-month (TTM) or forward-12-month (F12M) EBITDA is used as the denominator.

EV/Sales Ratio: The enterprise value-to-sales ratio is calculated as a company's enterprise value (market capitalization + value of total long-term debt + book value of preferred shares - cash and marketable securities) divided by annual sales. It is an expansion of the P/S valuation, which uses market value instead of enterprise value. The EV/Sales ratio is perceived as more accurate than P/S, in part, because the market capitalization does not take a company's debt into account when valuing it.

EV/CF Ratio: The enterprise value-to-cash flow ratio is calculated as a company's enterprise value (market capitalization + value of total long-

term debt + book value of preferred shares - cash and marketable securities) divided by the trailing-12-month (TTM) operating cash flow. It's a measure of how long it would take to buy the entire business if you were able to use all the company's operating cash flow.

The EV/CF ratio is perceived as more accurate than the P/CF ratio, in part, because the market price does not take a company's debt into account when valuing it.

EV/FCF Ratio: The enterprise value-to-free cash flow metric compares a company's enterprise value to its trailing-12-month (TTM) free cash flow (FCF). This metric is very similar to the EV/CF ratio, but is considered a more exact measure owing to the fact that it uses free cash flow, which subtracts capital expenditures (CAPEX) from a company's total operating cash flow, thereby reflecting the actual cash flow available for funding growth activities and payments to shareholders.

P/EBITDA Ratio: The P/EBITDA ratio is calculated as a company's per share market value divided by EBITDA (earnings before interest, taxes, depreciation, and amortization). This metric is very similar to the EV/EBITDA ratio, but is considered a little less exact measure as it uses market price, which does not take a company's debt into account. However, since EBITDA is often considered a proxy for cash income, the metric is used as a measure of what the market is willing to pay today for each dollar of the company's cash profitability in the trailing 12 months (TTM) or forward 12 months (F12M).

P/B Ratio: The price-to-book ratio is calculated as a company's current price per share divided by its book value (total assets – liabilities – preferred stocks) per share. In short, the book value is how much a company is worth. In other words, it reflects the total value of a company's assets that its common shareholders would receive if it were to be liquidated. So, the P/B ratio indicates whether you're paying higher or lower than what would remain if the company went bankrupt immediately. Investors typically use this metric to determine how a company's stock price stacks up to its intrinsic value.

P/TB Ratio: The price-to-tangible-book value ratio is calculated as the per share market value of a company divided by the value of its tangible assets (total assets – liabilities – preferred stocks – intangible assets) per share. Tangible book value is the same thing as book value except it excludes the value of intangible assets to get a step closer to the baseline value of the company.

P/CF Ratio: The price-to-cash flow ratio measures a company's per share market price relative to its trailing-12-month (TTM) operating cash flow per share. This metric is used to determine whether a company is undervalued or overvalued relative to another stock, industry or sector. And like the P/E ratio, a lower number is typically considered better from the value perspective.

One of the reasons why P/CF ratio is often preferred over P/E ratio is the fact that operating cash flow adds back non-cash expenses such as depreciation and amortization to net income. This feature helps valuing stocks that have positive cash flow but are not profitable because of large noncash charges.

P/FCF Ratio: The price-to-free cash flow ratio is an extension of P/CF ratio, which uses trailing-12-month (TTM) free cash flow per share instead of operating cash flow per share. This metric is considered a more exact measure than P/CF ratio, as free cash flow subtracts capital expenditures (CAPEX) from a company's total operating cash flow, thereby reflecting the actual cash flow available for funding activities that generate additional revenues.

Earnings Yield: The earnings yield is calculated as current fiscal year (F1) EPS estimate divided by the company's current share price. The ratio, which is the inverse of the P/E ratio, measures the anticipated yield (or return) from earnings for each dollar invested in a stock today.

For example, earnings yield for a stock, which is trading at \$35 and expected to earn \$3 per share in the current fiscal year (F1), would be 0.0857 ($3/35 = 0.0857$) or 8.57%. In other words, for \$1 invested in the stock today, the yield from earnings is anticipated to be 8.57 cents.

Investors most commonly compare the earnings yield of a stock to that of a broad market index (such as the S&P 500) and prevailing interest rates, such as the current 10-year Treasury yield. Since bonds and stocks compete for investors' dollars, stock investors typically demand a higher yield for the extra risk they assume compared to investors of U.S. Treasury-backed securities that offer virtually risk-free returns. This additional return is referred to as the risk premium.

Debt/Equity Ratio: The debt-to-equity ratio is calculated as a company's total liabilities divided by its shareholder equity. This metric is used to gauge a company's financial leverage. In other words, it is a measure of the degree to which a company is financing its operations through debt versus its own funds. The higher the ratio, the higher the risk for shareholders.

However, this ratio is difficult to compare across industry groups where ideal amounts of debt vary. Some businesses are more capital intensive than others and typically require higher debt to finance their operations. So, a company's debt-to-equity ratio should be compared with other companies in the same industry.

Cash Flow (\$/share): Cash flow per share is calculated as operating cash flow (after-tax earnings + depreciation + other non-cash charges) divided by common shares outstanding. It is used by many investors as a measure of a company's financial strength. Since cash flow per share takes into consideration a company's ability to generate cash by adding back non-cash expenses, it is regarded by some as a more accurate measure of a company's financial situation than earnings per share, which could be artificially deflated.

Current Ratio: The current ratio or liquidity ratio is a company's current assets divided by its current liabilities. It measures a company's ability to pay short-term obligations. A current ratio that is in line with the industry average or slightly higher is generally considered acceptable. A current ratio that is lower than the industry average would indicate a higher risk of distress or default. A higher number is usually better. However, a very high current ratio compared to the industry average could be an indication of inefficient use of assets by management.

Debt/Capital Ratio: Debt-to-capital ratio is a company's total debt (interest-bearing debt + both short- and long-term liabilities) divided its total capital (interest-bearing debt + shareholders' equity). It is a measure of a company's financial leverage. All else being equal, the higher the debt-to-capital ratio, the riskier the stock.

However, this ratio can vary widely from industry to industry, the ideal amount of required debt being different. Some businesses are more capital

intensive than others and typically require higher debt to finance their operations. So, a company's debt-to-capital ratio should be compared with the same for its industry.

Net Margin: Net margin is calculated as net income divided by sales. It shows how much of each dollar in sales generated by a company translates into profit. For example, if a company's net margin is 15%, its net income is 15 cents for every \$1 of sales it makes.

A change in margin can reflect either a change in business conditions, or a company's cost controls, or both. If a company's expenses are growing faster than sales, its net margin will decline. However, different net margin rates are considered good for different industries, so it's better to compare net margin rates of companies in the same industry group.

Return on Equity: Return on equity (ROE) is calculated as trailing-12-month net income divided by trailing-12-month average shareholder equity (including reinvested earnings). This metric is considered a measure of how effectively management is using a company's assets to generate profits. For example, if a company's ROE is 10%, it creates 10 cents profits for every \$1 shareholder equity, which is basically the company's assets minus debt. A company's ROE deemed good or bad depends on what's normal for its peers or industry group.

Sales/Assets Ratio: The sales-to-assets ratio or asset utilization ratio or asset turnover ratio is calculated as a company's annual sales divided by average assets (average of assets at the beginning of the year and at the year's end). This metric helps investors understand how effectively a company is using its assets to generate sales. For example, a sales-to-assets ratio of 2.5 indicates that the company generated \$2.50 in sales for every \$1 of assets on its books.

The higher the sales-to-assets ratio, the better the company is performing. However, similar to many other ratios, the asset turnover ratio tends to be higher for companies in certain industries/sectors than in others. So, a company's sales-to-assets ratio should be compared with the same for its industry/sector.

Historical EPS Growth (3-5 Years): This is the average annual (trailing-12-month) EPS growth rate over the last 3-5 years. This metric helps investors see how a company's EPS has grown from a long-term perspective.

Note: There are many factors that can influence short-term numbers — a recession will reduce this number, while a recovery will inflate it. The longterm perspective helps smooth out short-term events.

Projected EPS Growth (F1/F0): This is the estimated EPS growth rate for the current financial year. It is calculated as the consensus estimate for the current fiscal year (F1) divided by the reported EPS for the last completed fiscal year (F0).

Current Cash Flow Growth: It measures the latest year-over-year change in operating cash flow. Cash flow growth tells an investor how quickly a company is generating inflows of cash from operations. A positive change in the cash flow is desired and shows that more 'cash' is coming in than going out.

Historical Cash Flow Growth (3-5 Years): This is the annualized change in cash flow over the last 3-5 years. The change in a longer period helps put the current reading into proper perspective. By looking at the rate, rather than the actual dollar value, the comparison across the industry and peers becomes easier.

Projected Sales Growth (F1/F0): This metric looks at the estimated sales growth for the current year. It is calculated as sales estimate for the current fiscal year (F1) divided by the reported sales for the last completed fiscal year (F0).

Like EPS growth, a higher rate is better for sales growth. A look at a company's projected sales growth instantly tells you what the outlook is for their products and services. However, different sales growth rates are considered good for different industries, so it's better to compare sales growth rates of companies in the same industry group.

EPS F1 Estimate 1-Week Change: The percentage change in the Zacks Consensus EPS estimate for the current fiscal year over the past week. The change in a company's consensus EPS estimate (or earnings estimate revision) has proven to be strongly correlated with the near-term price movement of its shares. It is an integral part of the Zacks Rank.

If a stock's consensus EPS estimate is \$1.10 now versus \$1.00 a week ago, that will be reflected as a 10% upward revision. If, on the other hand, it went from \$1.00 to 90 cents, that would be a 10% downward revision.

EPS F1 Estimate 4-Week Change: The percentage change in the Zacks Consensus EPS estimate for the current fiscal year over the past four weeks.

A stock's earnings estimate revision in a 1-week period is important. But it's more meaningful to look at the longer-term revision. And, of course, the 4-week change helps put the 1-week change into proper perspective.

EPS F1 Estimate 12-Week Change: The percentage change in the Zacks Consensus EPS estimate for the current fiscal year over the past 12 weeks.

This metric essentially shows how the consensus EPS estimate has changed over a period longer than 1 week or 4 weeks.

EPS Q1 Estimate Monthly Change: The percentage change in the Zacks Consensus EPS estimate for the current fiscal quarter over the past four weeks.

While the revision in consensus EPS estimate for the current fiscal year is strongly correlated with the near-term price movement of its shares, the estimate revision for the current fiscal quarter is an important metric as well, especially over the short term, and particularly as a stock approaches its earnings date. If a stock's Q1 EPS estimate decreases ahead of its earnings release, it's usually a negative sign, whereas an increase is a positive sign.